

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	5360	wax with alcohol with (acid or anhydride) with hydrocarbon	US-PGPUB; USPAT	ADJ	ON	2009/09/04 09:05
L3	530	wax with endothermic	US-PGPUB; USPAT	ADJ	ON	2009/09/04 09:05
L4	155	l2 and l3	US-PGPUB; USPAT	ADJ	ON	2009/09/04 09:06
L5	148	l4 and toner	US-PGPUB; USPAT	ADJ	ON	2009/09/04 09:06
L6	211924	(maleic) or (itaconic) or (citraconic)	US-PGPUB; USPAT	ADJ	ON	2009/09/04 10:27
L7	137	l5 and l6	US-PGPUB; USPAT	ADJ	ON	2009/09/04 10:28
L8	3357	l6 with wax	US-PGPUB; USPAT	ADJ	ON	2009/09/04 10:31
L9	43	l5 and l8	US-PGPUB; USPAT	ADJ	ON	2009/09/04 10:31
L10	1	(US-20020076638- \S).did.	US-PGPUB	ADJ	ON	2009/09/04 12:50
L11	1	l10 and (weight with wax)	US-PGPUB; USPAT	ADJ	ON	2009/09/04 12:50
S3	18	("20020042012" "20020064401" "20020064724" "20020086229" "20020127030" "20030027072" "4777104" "4996127" "5567561" "5702859" "5849456" "5888687" "5910389" "5998078" "6080519" "6106986" "6408155" "6544707").PN.	US-PGPUB; USPAT	ADJ	ON	2007/09/21 10:25

S4	5380	toner and binder and wax and carrier	US-PGPUB; USPAT	ADJ	ON	2007/09/20 09:56
S5	1	("20060014094").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/20 10:23
S7	27	((yuasa near2 yasuhito) or (kiminori near2 umeda)).in.	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:24
S8	1885	(430/108.2,108.4,111.35,108.1,120.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/20 10:33
S9	13	S7 and S8	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:33
S10	18	S4 and S7	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:33
S11	1009	S4 and S8	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:33
S12	13	S4 and S9	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:33
S13	1014	S10 or S11 or S12	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:42
S14	86	(synthetic wax) and alcohol and (polycarboxylic acid) and (hydrocarbon wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:14
S15	6	S13 and S14	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:43
S19	2	S14 and S7	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:13
S20	7	S14 and S8	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:13
S21	1	(synthetic wax) with alcohol with (polycarboxylic acid) with (hydrocarbon wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:15
S22	3409	Fischer tropesch wax	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:15
S23	219	S22 and S13	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:16

S26	50	S23 and (wax with react\$)	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:17
S27	2	((US-20060014094-\$ or US-20020034702-\$).did.	US-PGPUB	ADJ	ON	2007/09/20 15:35
S28	3791	(molecular weight) with wax	US-PGPUB	ADJ	ON	2007/09/20 15:41
S29	2	S27 and S28	US-PGPUB	ADJ	ON	2007/09/20 15:36
S30	2	((average molecular weight) with wax) and S27	US-PGPUB	ADJ	ON	2007/09/20 16:26
S31	1	carrier with (weight or wt) and S27	US-PGPUB	ADJ	ON	2007/09/20 16:28
S32	3	(ester wax) with (iodine value) with (saponification)	US-PGPUB	ADJ	ON	2007/09/20 16:28
S33	0	(Fischer tropesch wax) same (alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 10:33
S34	6	(Fischer tropesch wax) and (wax same (alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon wax))	US-PGPUB; USPAT	ADJ	ON	2007/09/21 10:46
S35	6	(wax same (alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon wax))	US-PGPUB; USPAT	ADJ	ON	2007/09/21 10:49
S36	6	(alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 10:51
S37	85	(alkyl alcohol) and (polycarboxylic acid) and (hydrocarbon wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:14
S38	165	(aliphatic amide wax) or (alkylene bis fatty acid amide)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S39	5380	toner and binder and wax and carrier	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S40	27	((yuasa near2 yasuhito) or (kiminori near2 umeda)).in.	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S41	1885	(430/108.2,108.4,111.35,108.1,120.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/21 11:15

S42	13	S40 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S43	18	S39 and S40	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S44	1009	S39 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S45	13	S39 and S42	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S46	1014	S43 or S44 or S45	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:21
S47	12	S38 and S46	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S49	12	C\$2 and S47	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:27
S50	57546	C\$2 with wax	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:28
S51	9	S50 and S47	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:30
S52	65775	"c.sub."\$2 and wax	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:32
S53	2	S52 and S47	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:31
S54	282	S52 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:32
S55	5	S54 and S37	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:32
S56	4520	"c.sub."\$2 with wax	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:35
S57	16	S56 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:33
S58	2	S57 and S37	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:33

S59	107	alkylene bis fatty acid amide	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:36
S60	66	S59 same wax	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:36
S61	3	S60 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:44
S62	1	((fixing adjuvant) with wax) and S61	US-PGPUB; USPAT	ADJ	ON	2007/09/21 12:01
S63	1	(fluorine near3 silicone) and S62	US-PGPUB; USPAT	ADJ	ON	2007/09/21 12:01
S64	1	((charge control agent) same (particle size)) and S61	US-PGPUB; USPAT	ADJ	ON	2007/09/21 14:41
S65	0	((charge control agent) same (average near2 size)) and S61	US-PGPUB; USPAT	ADJ	ON	2007/09/21 14:42
S66	1	((charge control agent) same size) and S61	US-PGPUB; USPAT	ADJ	ON	2007/09/21 14:42
S67	3	(toner same size) and S61	US-PGPUB; USPAT	ADJ	ON	2007/09/21 14:50
S68	1	(powder and (charge control agent)) and S62	US-PGPUB; USPAT	ADJ	ON	2007/09/21 14:51
S69	1	(powder same (charge control agent)) and S62	US-PGPUB; USPAT	ADJ	ON	2007/09/21 15:17
S70	22299	(hydroxystearic acid) or (((glycerol fatt acid) or (glycol fatty acid) or (sorbitan fatty acid)) near2 ester)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 17:10
S71	40	S70 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 15:20
S72	6	S71 and S40	US-PGPUB; USPAT	ADJ	ON	2007/09/21 15:20
S73	27	((yuasa near2 yasuhito) or (kiminori near2 umeda)).in.	US-PGPUB; USPAT	ADJ	ON	2007/09/21 17:10
S74	22299	(hydroxystearic acid) or (((glycerol fatt acid) or (glycol fatty acid) or (sorbitan fatty acid)) near2 ester)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 17:10

S75	10	S74 and S73	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:02
S76	27	((yuasa near2 yasuhito) or (kiminori near2 umeda)).in.	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:02
S77	22299	(hydroxystearic acid) or (((glycerol fatt acid) or (glycol fatty acid) or (sorbitan fatty acid)) near2 ester)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:02
S78	10	S77 and S76	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:02
S79	7	S78 and ((average molecular weight) same wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:02
S80	5	(US-20060014094-\$ or US-20050139701-\$ or US-20020034702-\$ or US-20020086229-\$).did. or (US-6579653-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:09
S81	2	S80 and ((coupling agent) same (part or weight or mass))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:10
S82	1	S80 and ((aminosilane) same (part or weight or mass))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:10
S83	1	S80 and ((aminosilane) same (part or weight or mass or wt%))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:11
S85	5	S80 and (toner same (weight or wt% or wt or parts))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:12
S86	5	S80 and ((toner and carrier) same (weight or wt% or wt or parts))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:24
S87	5	S80 and ((additive) same (weight or wt% or wt or parts))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:28
S88	6	(alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon) same wax	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:33
S89	1885	(430/108.2,108.4,111.35,108.1,120.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/24 08:29
S91	6	S88 and S89	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:30

S93	6	((alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon)) and wax	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:34
S94	42	wax same (endothermic peak) same (acid value)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:49
S95	17	S94 and S89	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:34
S96	42	S94 and toner	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:46
S97	103	(hydrocarbon wax) same (acid) same (alkyl alcohol) same wax	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:46
S98	1	S97 and S80	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:46
S99	20	S97 and S89	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:46
S100	4	S94 and S99	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:48
S101	17	(wax same ((endothermic peak) or (acid value))) and S99	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:49
S102	7	aminosilane with (fluorine near2 (silicon or silicone) near2 resin)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:18
S103	7	S102 and S89	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:18
S104	16	aminosilane with (fluorine near2 (silicon or silicone))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:20
S105	20	perfluoroalkyl near2 organosilicon	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:21
S106	2	S105 and S89	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:21
S107	6	(US-20060014094-\$ or US-20020086229-\$ or US-20030152856-\$ or US-20050196694-\$ or US-20020064724-\$).did. or (US-6579653-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/09/24 14:50

S108	2	S107 and (organosilicon with (weight or mass or parts))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:28
S109	2	S107 and (organosilicon same (weight or mass or parts))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:47
S111	2	S107 and (aminosilane with (weight or wt or part or mass))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:49
S113	2	S107 and ((aminosilane or (amino silane)) with (weight or wt or part or mass))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:50
S114	2	S107 and ((aminosilane or (amino silane)) with (weight or wt or part or mass or amount))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:51
S115	0	((negative near2 inorganic) and (positive near2 inorganic)) same (particle size) same (weight or parts or wt or mass or amount)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:52
S116	2	(negative near2 inorganic) same (particle size) same (weight or parts or wt or mass or amount)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:53
S117	5	(negative\$ near2 inorganic) same (particle size) same (weight or parts or wt or mass or amount)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:53
S118	69	(negative\$ near2 inorganic) same (weight or parts or wt or mass or amount)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:54
S119	61	(positive\$ near2 inorganic) same (weight or parts or wt or mass or amount)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:54
S120	7	S118 and S119	US-PGPUB; USPAT	ADJ	ON	2007/09/24 10:03
S121	1	S120 and ignition	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:54
S122	6	S120 and (inorganic with (weight or wt or mass))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 10:04
S123	2	S107 and (silane same resin)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 14:50
S124	2	S107 and (silane same (resin or coat))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 14:50

S125	5	S107 and (silane same (resin or coat\$))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 14:55
S155	13	(fluorine with silicone with resin) same ((coupling agent) with aminosilane)	US-PGPUB; USPAT	ADJ	ON	2008/09/08 13:27
S156	18	(fluorine with silicone with resin) same aminosilane	US-PGPUB; USPAT	ADJ	ON	2008/09/08 13:30
S157	5	S156 not S155	US-PGPUB; USPAT	ADJ	ON	2008/09/08 13:30
S158	43	(fluorine with silicone) same aminosilane	US-PGPUB; USPAT	ADJ	ON	2008/09/08 13:31
S159	25	S158 not S156	US-PGPUB; USPAT	ADJ	ON	2008/09/08 13:31
S160	8	((fluorine with silicone) and aminosilane and carrier). clm.	US-PGPUB	ADJ	ON	2008/09/08 13:41
S161	1	("20030091923").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/08 13:51
S162	8	(US-20050196694-\$ or US-20020064724-\$ or US-20020086229-\$ or US-20060014094-\$ or US-20030152856-\$ or US-20030091923-\$).did. or (US-6579653-\$ or US-6117607-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/09/09 08:37
S163	18	("20020042012" "20020064401" "20020064724" "20020086229" "20020127030" "20030027072" "4777104" "4996127" "5567561" "5702859" "5849456" "5888687" "5910389" "5998078" "6080519" "6106986" "6408155" "6544707").PN.	US-PGPUB; USPAT	ADJ	ON	2008/09/09 08:37
S164	6	S162 not S163	US-PGPUB; USPAT	ADJ	ON	2008/09/09 08:37
S165	8297	polyorganosiloxane	US-PGPUB; USPAT	ADJ	ON	2009/03/31 08:51
S166	8	(US-20050196694-\$ or US-20020064724-\$ or US-20020086229-\$ or US-20060014094-\$ or US-20030152856-\$ or US-20030091923-\$).did. or (US-6579653-\$ or US-6117607-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/03/31 08:51

S167	2	S165 and S166	US-PGPUB; USPAT	ADJ	ON	2009/03/31 08:51
S168	0	"167390"	JPO	ADJ	ON	2009/03/31 09:24
S169	1	"2003167390"	JPO	ADJ	ON	2009/03/31 09:24
S171	1	("20060014094").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/31 09:53
S172	1	S171	US-PGPUB; USPAT	ADJ	ON	2009/03/31 09:53
S173	1	(JP-2003167390-\$).did.	JPO	ADJ	ON	2009/03/31 10:16
S174	1	(JP-2003167390-\$).did.	DERWENT	ADJ	ON	2009/03/31 10:16
S175	1	2003-356981.NRAN.	DERWENT	ADJ	ON	2009/03/31 10:17
S176	280	((polypropylene or polyethylene) with wax) and (wax with (endothermic peak)) and toner	US-PGPUB; USPAT	ADJ	ON	2009/03/31 12:13
S177	24	((polypropylene or polyethylene) with wax) and (wax with (endothermic peak)) and toner and (saponification or iodine) value	US-PGPUB; USPAT	ADJ	ON	2009/03/31 12:15
S178	1689	carnauba with polypropylene with polyethylene with ((jojoba oil) or japan or candelilla or montan or cresin or rice) with wax	US-PGPUB; USPAT	ADJ	ON	2009/03/31 12:23
S179	3	S178 and S166	US-PGPUB; USPAT	ADJ	ON	2009/03/31 12:27
S180	20	(fluorine with (silicon\$2 resin)) and (perfluoroalkyl with organosilicon\$2)	US-PGPUB; USPAT	ADJ	ON	2009/04/06 08:41

EAST Search History (Interference)

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